



DOCKET NO.: CS23369RL

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Greg R. Black  
APPLICATION NO.: 10/750,475  
FILED: 12/31/2003  
GROUP ART UNIT: 2631  
TITLE: METHOD AND APPARATUS FOR REDUCING DATA COLLISIONS IN  
A FREQUENCY HOPPING COMMUNICATION SYSTEM

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Mail Stop Missing Parts  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Attention: Customer Service Center  
Initial Patent Examination Division

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

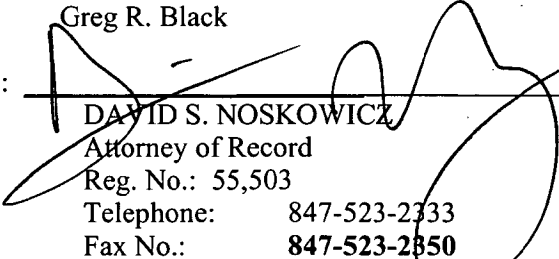
Responsive to the Notice to File Missing Parts of Application dated August 9, 2004 please  
find enclosed:

- ☒ 3 page Declaration Combined with Power of Attorney
- ☒ 2 page copy of Notice to File Missing Parts of Application
- ☒ 6 Sheets of formal drawings
- ☒ 4 Assignment with Recordation Form Cover Sheet Patents Only

The Commissioner is hereby authorized to charge all fees due to Account No. **502117**. A fee transmittal  
is enclosed.

SEND CORRESPONDENCE TO:

Motorola, Inc.  
Law Department  
Customer Number: 20280

Respectfully submitted,  
Greg R. Black  
By:  **6 OCT 2004**  
DAVID S. NOSKOWICZ  
Attorney of Record  
Reg. No.: 55,503  
Telephone: 847-523-2333  
Fax No.: 847-523-2350



## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission 19

Application Number	10/750,475
Filing Date	12/31/2003
First Named Inventor	Greg R. Black
Group Art Unit	2631
Examiner Name	
Attorney Docket Number	CS23369RL

### ENCLOSURES

(check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/Declaration(s)

☐ Extension of time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Documents

☒ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing Parts  
Under 37 CFR 1.52 or 1.53

☒ Assignment Papers  
(for an Application)

☒ Drawing(s)

☐ Licensing-Related papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation,  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CDs

☐ After Allowance

☐ Communication to Group

☐ Appeal Communication to Board  
of Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter with appropriate copies

☒ Other Enclosure(s) (please identify below)

☒ Recordation Form Cover Sheet  
Patents Only

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or  
Individual

David S. Noskowicz

Registration No.

55,503

Signature

Date

6 OCT 2004

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date listed below:

Typed or printed name

JUNE EDWARDS

Signature

June Edwards

Date

October 6, 2004



## FEE TRANSMITTAL

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

### Complete if Known

Application Number 10/750,475  
Filing Date 12/31/2003  
First Named Inventor Greg R. Black  
Examiner Name  
Group Art Unit 2631  
Attorney Docket No. CS23369RL

TOTAL AMOUNT OF PAYMENT (\$)**170.00**

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number **502117**

Deposit Account Name **Motorola, Inc.**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	780	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**-0-**

#### 2. EXTRA CLAIM FEES

Total Claims  - Previously Paid\*\*  = Extra Claims  X Fee from below  = Fee Paid   
Independent Claims  -  =  X  =

Multiple Dependent

280 =

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	* Reissue independent claims over original patent
1205	18	2205	9	* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**-0-**

\*\*or number previously paid, if greater; For Reissues, see above.

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	
1051	130	2051	65	Surcharge - late filing fee or oath	130.00
1052	50	2052	25	Surcharge - late Provisional filing	
1053	130	1053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for ex parte Reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1330	2453	665	Petition to revive - unintentional	
1501	1330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of IDS	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$)**170.00**

\* Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Name (Print/Type) **David S. Noskowicz**

Signature

### Complete (if applicable)

Registration No. **55,503** Telephone **847-523-2333**

Date

**0 OCT 2004**



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/750,476	12/31/2003	Greg R. Black	CS23369RL

CONFIRMATION NO. 9805

## FORMALITIES LETTER



\*OC000000013479879\*

20280  
 MOTOROLA INC  
 600 NORTH US HIGHWAY 45  
 ROOM AS437  
 LIBERTYVILLE, IL 60048-5343

Date Mailed: 08/09/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/13/2004 JADD01 00000019 502117 10750476

FILED UNDER 37 CFR 1.53(b)

01 FC:1051 130.00 DA

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch). See Figures(s) 6.
  - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 2 & 5.

**SUMMARY OF FEES DUE:**

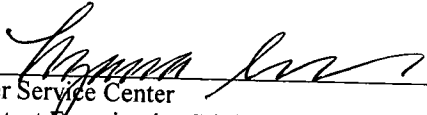
Total additional fee(s) required for this application is **\$130** for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE